

Appl. No. 10/023,401  
Final Amendment and/or Response  
Reply to final Office action of 26 March 2004

Page 2 of 7

**Amendments to the Claims:**

A listing of the entire set of pending claims (including amendments to the claims, if any) is submitted herewith per 37 CFR 1.121. This listing of claims will replace all prior versions, and listings, of claims in the application.

**Listing of Claims:**

1. (Canceled)
2. (Previously presented) An electroluminescent color display panel as claimed in claim 5, wherein the first pixel and the second pixel are arranged in the same column.
3. (Canceled)
4. (Previously presented) An electroluminescent color display panel as claimed in claim 5, wherein the first color sections, which are arranged on one slanting line, form a continuous strip of electroluminescent material.
5. (Previously presented) An electroluminescent color display panel comprising a plurality of pixels arranged in rows and columns to form a grid pattern, each pixel comprising at least two color sections, a first color section of which emits light of a first color, and a second color section emits light of a second color being different from the first color,  
wherein the positional arrangement of the first and second color sections within a first one of the pixels, further referred to as the first pixel, is different from the positional arrangement of the first and second color sections within a second one of the pixels, further referred to as the second pixel,  
wherein the first pixel is adjacent to the second pixel,  
wherein the first color sections are adjacently arranged on parallel, laterally

Appl. No. 10/023,401  
Final Amendment and/or Response  
Reply to final Office action of 26 March 2004

Page 3 of 7

spaced apart, slanting lines with respect to the column direction, and

wherein the acute angle between a vertical column and the slanting lines is in a range of +10 and -10 degrees around a preferred angle  $\alpha$ , and the preferred angle  $\alpha$  is equal to:

$$\alpha = \arctan\left(\frac{P_r}{nP_c}\right)$$

wherein n is the number of color sections in a pixel,  $P_r$  is the pitch of the pixels in the row direction, and  $P_c$  is the pitch of the pixels in the column direction.

6. (Previously presented) An electroluminescent color display panel as claimed in claim 5, wherein a color section comprises a layer of an organic electroluminescent material.

7. (Original) An electroluminescent color display panel as claimed in claim 6, wherein the organic electroluminescent material is a polymer.

8. (Previously presented) An electroluminescent color display panel as claimed in claim 5, wherein a color section comprises a layer of a phosphor material which is excited by a plasma discharge.

9. (Canceled)

10. (Previously presented) A method as claimed in claim 11, wherein the second electrode strips cross the first electrode strips substantially perpendicularly, which yields a substantially rectangular grid formed by the first and second electrode strips.

11. (Previously presented) A method of manufacturing an electroluminescent color display panel, said method comprising:

forming a plurality of parallel, laterally spaced first electrode strips on a substrate,

Appl. No. 10/023,401  
Final Amendment and/or Response  
Reply to final Office action of 26 March 2004

Page 4 of 7

arranging a plurality of parallel, laterally spaced electroluminescent strips, each strip, in operation, emitting light of one of at least a first or a second color, wherein strips of different colors are positioned side by side, in a repeating pattern, and

forming a plurality of parallel, laterally spaced second electrode strips, which second electrode strips cross the plurality of first electrode strips such that, in operation, an individual light-emitting device is allocated at the crossing of a first and a second electrode strip,

wherein the electroluminescent strips are arranged on a plurality of parallel, laterally spaced slanting lines with respect to a grid formed by the first and second electrode strips; and

wherein the acute angle between the first or the second electrode strip and a slanting line is in a range of +10 and -10 degrees around a preferred angle  $\alpha$ , and the preferred angle  $\alpha$  is equal to:

$$\alpha = \arctan\left(\frac{P_r}{nP_c}\right)$$

wherein  $n$  is the number of color sections in a pixel,  $P_r$  is the pitch of the pixels in the row direction, and  $P_c$  is the pitch of the pixels in the column direction.

12. (Previously presented) A method as claimed in claim 11, wherein the electroluminescent strips comprise an organic electroluminescent material, which organic electroluminescent material is deposited by using an inkjet printer.

13. (Previously presented) An electronic device comprising an electroluminescent color display panel as claimed in claim 5.

14. (New) The electroluminescent color display panel of claim 2, wherein a color section comprises a layer of a phosphor material which is excited by a plasma discharge.

Appl. No. 10/023,401  
Final Amendment and/or Response  
Reply to final Office action of 26 March 2004

Page 5 of 7

15. (New) The electroluminescent color display panel of claim 4, wherein a color section comprises a layer of a phosphor material which is excited by a plasma discharge.

16. (New) The electroluminescent color display panel of claim 2, wherein a color section comprises a layer of an organic electroluminescent material.

17. (New) The electroluminescent color display panel of claim 4, wherein a color section comprises a layer of an organic electroluminescent material.

18. (New) The method of claim 10, wherein the electroluminescent strips comprise an organic electroluminescent material, which organic electroluminescent material is deposited by using an inkjet printer.

19. (New) An electroluminescent color display panel comprising :

a plurality of parallel, laterally spaced row electrodes;

a plurality of parallel, laterally spaced electroluminescent strips, each strip, in operation, emitting light of one of at least a first or a second color, wherein strips of different colors are positioned side by side, in a repeating pattern; and

a plurality of parallel, laterally spaced column electrodes, said column electrodes crossing the plurality of row electrodes such that, in operation, an individual light-emitting device is allocated at the crossing of a row and a column electrode,

wherein the electroluminescent strips are arranged on a plurality of parallel, laterally spaced slanting lines with respect to a grid formed by the row and column electrodes, and

wherein each of the column electrodes has a stepped pattern such that no straight line extends along a border of the column electrode from a top to a bottom thereof.

**Appl. No. 10/023,401**  
**Final Amendment and/or Response**  
**Reply to final Office action of 26 March 2004**

**Page 6 of 7**

20. (New) The electroluminescent color display panel of claim 19, wherein the electroluminescent strips each comprise an organic electroluminescent material, which organic electroluminescent material is deposited by using an inkjet printer.